The Blender

CHRISTMAS ISSUE 1957

The Cadaverous Staff
Cadaverous Cadavers

THE BLENDER

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F. L. HOLLAND ..... C Shift
ROSCOE CHITWOOD ..... D Shift
FOREST CROUCH ..... Day Shift

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NANCY EPLING, Type 9 } ..... B Shift
LOVELEEN HANES, Type 8 }
RUTH EANES, Type 9 } ..... C Shift
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BRANTON MARTIN ..... Protection & Safety
THERESA JOHNSON ..... Stores
JAMES EDWARDS ..... Bobbin Storage
WILLIAM TRAVIS ..... Janitors
EZRA MCCLURE ..... Yard Laborers & Garage

THE COVER

MIKE SMART, son of Ethel Smart, "D" Shift Inspection, exemplifies the happiness that Christmas 1957 will bring to hundreds of Du Pont sons and daughters. Boxer, also "deco-

KEEP THE CHRISTMAS SPIRIT ALIVE

WHEN a Christian reflects on the story of Christmas, he visualizes Joseph and Mary taking their long and arduous journey to Bethlehem where they were refused lodging, not only for themselves, but also for their expected Christ Child. How cold and bare the stable must have felt when first they made their entrance there! But what warmth, joy and happiness must have prevailed with the birth of the infant Jesus! The Hope of the world had arrived! In Him was the fulfillment of the promise to all men for peace in this world, and everlasting peace to all who accepted Him as their Saviour.

Christmas is the one day each year when men everywhere interrupt their worldy pursuits, and, in celebrating the birth of Christ, reflect upon his promises, His goodness, His simplicity and His love. On Christmas Day, the world becomes a better place in which to live, because men are stimulated by the Christmas message to do "good toward all men." The spirit of love and kindliness seeps into the heart, and then it happens—the "peace on earth and good will toward men" which was promised by the angels becomes a reality for, at least, a fleeting few hours.

Men, followers of Christ, long to have this good will and one softening, sweetening influence of the miracle of Christmas abide all year long. They want to "observe" Christmas for a day, but they also want to keep the spirit alive all year long. There is a "way" to accomplish this—a Way that has been only partially tried and explored. It is the Way of Him who was born a Babe in Bethlehem. By Keeping His way in our hearts and actions all year long, we can have a fullfillment of His promise of not only an inner peace for ourselves, but a peace "that passeth all understanding," one which is contagious and would spread good will among all men.

To all of you and your families: "A Merry, Merry Christmas and a Happy New Year."

NO other words so well express our joy and good will toward men as we come to celebrate the birth of our Lord Jesus Christ.

May the blessings of peace and prosperity continue to be bestowed upon us and let us not be unmindful of our duty to give thanks for our freedom, our jobs, our homes and our families during this Christmas of 1957 in the year of our Lord.

THE BLENDER STAFF

"BIGGEST problem of tall people," says 6'6" Bob Davis, "A" Shift, Textile, "is finding a proper size bed." How to keep the feet from hanging over perplexes Bob and many more of our Du Pont "skyward souls."

HEIGHT and HEADACHES...

MOST people find occasion from time to time to wish they were two or three inches taller, but many Martinsville Du Ponters can tell them that height has its headaches. Problems facing the tall person are many, they say.

Doorways are bad: "We duck instinctively each time we walk through one. But sometimes we forget to duck—and get a knot on the head."

Furniture offers certain hazards, too. Tables are usually too low (causing bruised knees constantly); chairs are too small or weak; and bus seats and beds are usually almost impossible. Small cars are in the taboo class because of the hazards involved in driving. If the tall person could see over the top of his knees, owning a small car would be possible, more economical!

Other everyday problems and hazards face the tall person. When he visits friends who have small rooms in their homes, he invariably causes traffic problems. Games in the basement playroom are constant threats to his physical well-being. And the worst blow to his welfare and pocketbook is the extra money spent for specially-tailored clothing.

Sometimes size proves to be a big advantage—but height has its headaches, too, as the BLENDER soon learned.

LORENE ADAMS, Maintenance, has trouble preventing a bump when getting on or off a bus. Home doors are a big problem, too. She is 5'11½", but often finds height a help.

PAUL BARNETT, M. & P., is smiling happily, but he's still wondering what to do with his legs. Desks and tables don't fit. Paul is 6'5".

6'4" Warren Robertson, Production Control, becomes a contortionist getting in and out of today's cars. Riding is uncomfortable, too.

6'½" Clovis Eller, "D" Shift, Textile T-8, has found one seat that enables her to have plenty of room and to relax—sitting on a low stool.

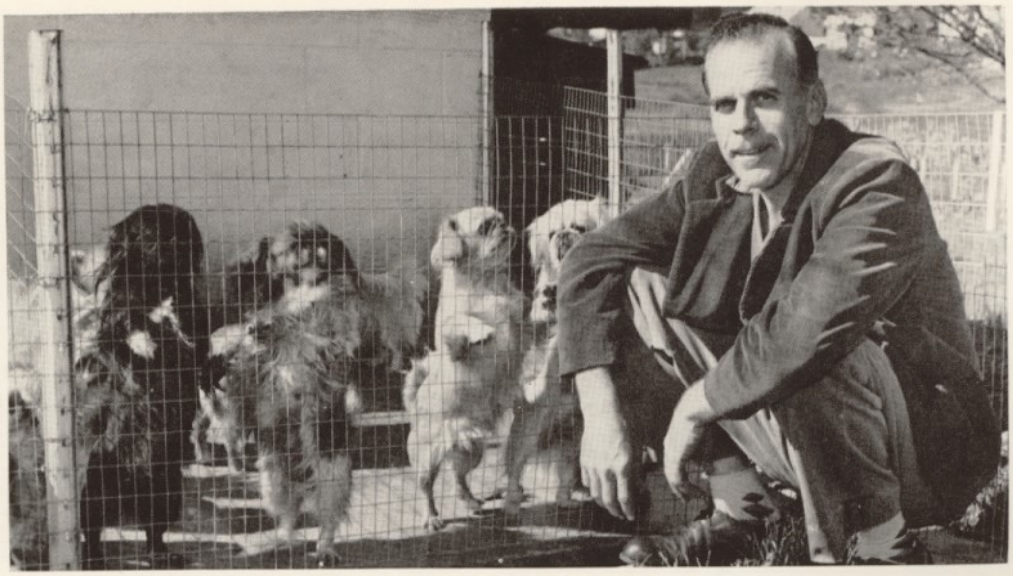
DOGGONE!

IT'S not everybody's hobby that literally goes to the dogs, but Ray Moran's does.

Ray, a Textile Maintenance Mechanic, started his dog days back in 1947 at Collinsville with a pair of registered Pekingese. He found that the puppies—all colors from black to white—were so much in demand for pets, he was soon in a growing business. When the Plant Photographer visited his kennels recently, there were 18 females, 2 males and around 20 puppies wagging and whimpering for attention.

In the care of his dogs, Ray has the expert help of his wife and eight-year-old daughter, Donna Lee.

On this page are a few kennel shots.



SAFETY TO THE POINT

BARBARA WRAY

EDITOR'S NOTE: *The article below was written by Barbara Wray, "A" Shift, Inspection, and delivered to that group in a recent shift safety meeting. We congratulate her on such a wonderful talk.*

"All through the ages, man has struggled for safety. Primitive man lived in caves or in treetops to be safe from wild beasts and savage, primitive tribesmen. He had to be constantly on the alert to protect himself and his family from ever-lurking dangers.

"Yet, as many of the natural dangers faced by men of earlier ages gradually disappeared, they were replaced by others which often proved to be even more dangerous. Machines created to serve men, all too frequently became his destroyer. Man's ability to invent and construct machines has developed faster than his ability to use them safely.

"It is a fact that most injuries are caused by carelessness and could be prevented. Many industrial plants, such as Du Pont, have greatly reduced the number of injuries by placing the proper safety devices and guards on machines, and by insisting upon orderliness and caution on the part of workers. If all persons used good judgment and exercised proper care, a large majority of injuries would never happen, and countless deaths and injuries would be avoided.

" 'Safe at home' is an expression one often hears. From earliest times down to the present, home has been regarded as a refuge from harm. Yet, about half of all the injuries and one-third of all the deaths caused by accidents occur in homes. Certainly with such an accident record as this, there are many homes that do not deserve to be considered refuges.

"One of the most inspiring gains in the whole safety movement has been the remarkable reduction in occupational injuries. There are many causes for this improvement. Chief among them has been the installation of guards on all machines. Another factor has been the development of safety clothing. Here on our plant we have safety shoes, hair nets, safety glasses and all kinds of protective equipment to do a job safely. And if a hazard does exist or if any of the tools or equipment we work with is defective, we can be assured it will be corrected at once, if reported. Good housekeeping shows up everywhere. 'A place for everything and everything in its place.'

"Safety instruction has become a regular part of the working day. If and when injuries do occur, they are given plenty of publicity and everyone is covered thoroughly on them so we can learn from other peoples' experiences. If we should receive an injury or get sick, we can be sure of getting the best of medical attention, and our folks at home can have peace of mind that we would be taken care of and that we are working under the safest conditions possible.

"If I should get careless on the job, I can feel sure my mistake will be pointed out in a pleasant, helpful way.

"So let's all work together to do the safest job possible. And when we go through the gate after eight hours' work, don't leave safety at the guard house, but take it home with us. Be an example of safety, and not a big walking hazard."

CHARLES WHITT
Son of
BUDDY and
ALDEAN WHITT
"D" P. & S. and
Denier Room

"I brush my teeth 'voluntarily'."

MICHAEL and JANE
HARDEE
Son and Daughter of
GLENN HARDEE
Shipping

"We'll help with the baby, Linda Ruth."

Santa's Helpers

THE first 11 months of the year are normally hectic for Du Pont mothers and fathers, with their off-spring war-whooping through the weeks. Paddlings are frequent, temper tantrums are commonplace, and "don't" becomes an indispensable word in the vocabulary of a parent.

Then in December, peace falls upon most American households. The phrase, "Christmas is coming," casts a spell, and tots the world over begin to amaze their parents with acts which are more unnatural than unbecoming. Almost like angels they await the magical day. Spinach is eaten and milk consumed with startling rapidity, eliminating for a few short days the pleading and scolding which, in many families, is served with the mashed potatoes.

Most unusual of all, as Santa prepares for his annual descent down chimneys of the world, a host of helpers present themselves to wide-eyed mothers and dads. Mother knowingly allows the young lady of the house to dry the dishes or polish the furniture Father, on the other hand, winces just a bit as he sees the yard raked or toys put into place.

For some real examples of Du Pont "helpers," take a look at this and the next page and see if you do not agree.

TERESA
FULCHER
Daughter of
VANCE and
LILLIAN
FULCHER
"D" P. & S. and
Denier Room

"Here's your paper, dad."

JENNIE
JARRELL
Daughter of
TOMMY
JARRELL
"D" P. & S.

"I'll set the table, mom."

ROGER DAVID PATTERSON
Son of
ROGER PATTERSON
"D" P. & S.
"I keep my toys in a box."

WAYNE HARTER
Son of
ANNE HARTER
"D" Textile T-8
"I love to fix Xmas lights."

MARY TARLETON ANDES
Daughter of
TARLETON ANDES
Plant Photographer
"Sweeping is easy."

JANICE LEE FERGUSON
Daughter of
MILDRED FERGUSON
"D" Textile T-8
"I'll keep the furniture polished."

KAY and CAROLYN COLEMAN
Daughters of
JOHN and VIVIAN COLEMAN
Pump Block and "C" Pirn Prep
"Dishwashing is fine."

MIKE STULTZ
Son of
ADDIE STULTZ

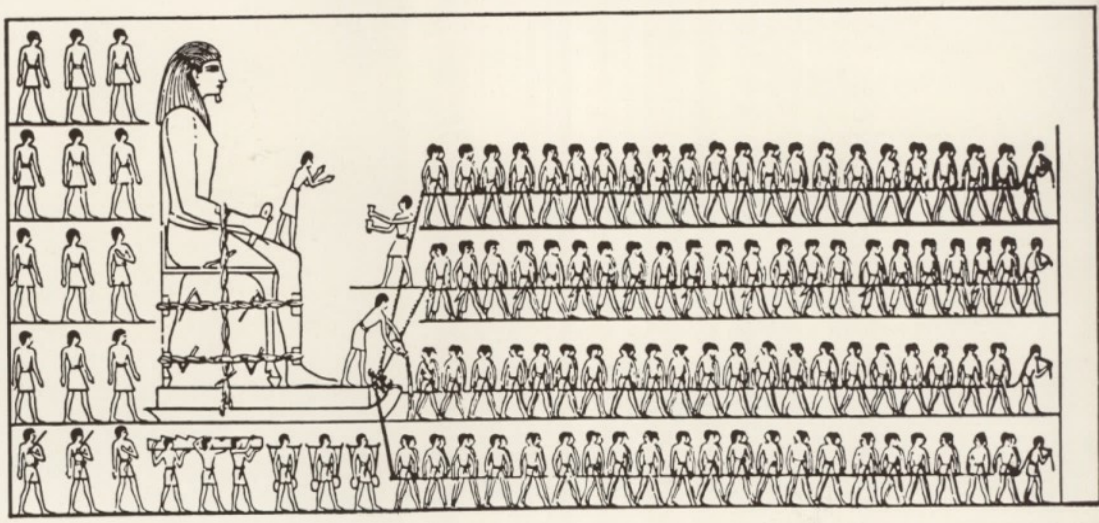
BOILER Operator, Jim Murphy, pictured at his job at one of our boiler-control panels has at his fingertips approximately 20,000 horsepower. In comparison with the drawing below, Jim controls enough power to do the work of 220,000 Egyptians.

(BELOW) Ancient power was largely provided by human muscles. Egyptions' picture shows 200 men arranged in pairs dragging a huge statue on a sledge. One man pours oil under the sledge; another, on statue's knees, is coxswain marking time; the rest are water boys and substitutes for those workers who collapsed under the strain. For thousands of years, this was the prime type of a world-wide motive power.

THEY MADE THIS PLANT POSSIBLE

IF the odd-looking contraptions on the next page had never been born, the Martinsville Plant would not exist. Worse, Martinsville Plant people, like all Americans, might be serving life sentences at hard, dawn-to-dusk labor.

What are the gadgets that saved the day? They are pioneering models of the steam engine, electric motor, dynamo and internal combustion engine. Primitive as they look, each in turn spelled POWER in capital letters—and each brought man closer to the end of a power shortage which had dogged him from his earliest



Powerful Antiques

history. (Just how bad the shortage was can be seen in the picture above of the ancient Egyptians.)

For until the steam engine's invention in the mid-1700's, man's only source of power was his own muscles, plus the energy he could obtain from animals, wind and running water. The result was obvious: Man worked hard but produced little.

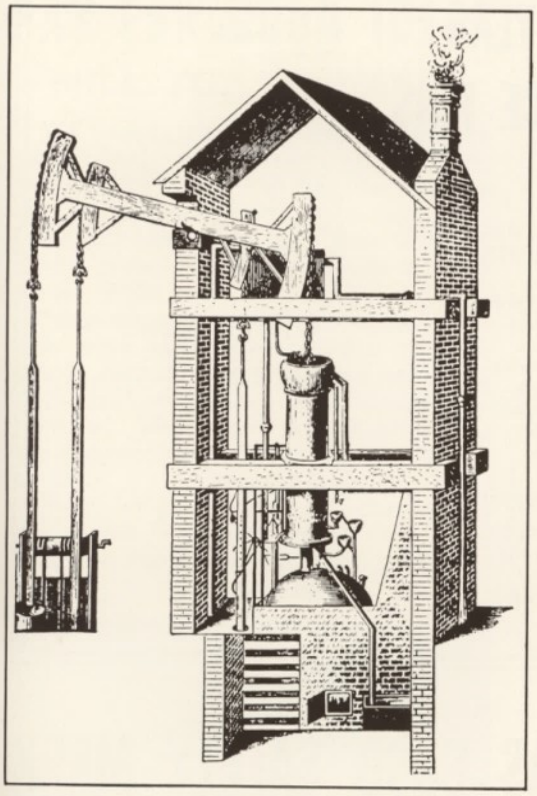
Today, however, as a stroll around the plant will quickly show, the trend is reversed. The great-grandchildren of the antiques shown have taken over, and hard labor in vast quantities is done almost entirely by machines depending upon mechanical power. In fact, in the last 100 years, the machine's share of man's work has climbed from a tiny 6 per cent to more than 76 per cent.

How much of a boost do machines give you in production of goods? Put in electrical terms, Power Supervisor Julian Coleman says that a man unaided by machines can expend about 67 kilowatt-hours of power a year. Yet, the average U. S. production worker is actually expending some 19,000 kilowatt-hours—which means that machines provide him with the equivalent of 279 men helping him do his job.

Over the years, as new sources of power and new machines have been introduced, two prime benefits have accrued to man: First, he works easier; hard labor decreases and job skills multiply. Second, man can produce far more goods—with the result he can have more.

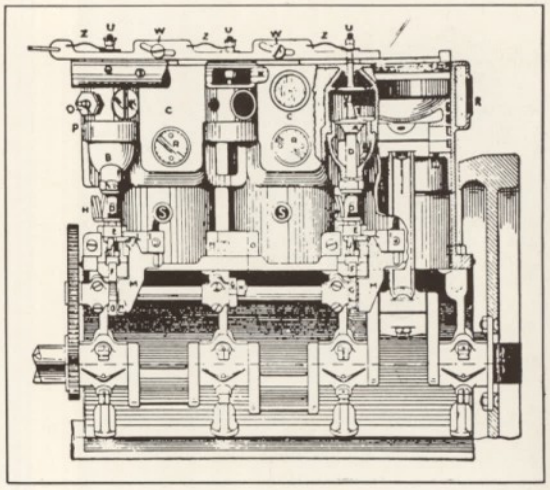
Some idea of the range of power-generating and power-driven machines needed to run our plant can be seen in pictures on this and the next page.

These Eased An Ancient Power Shortage

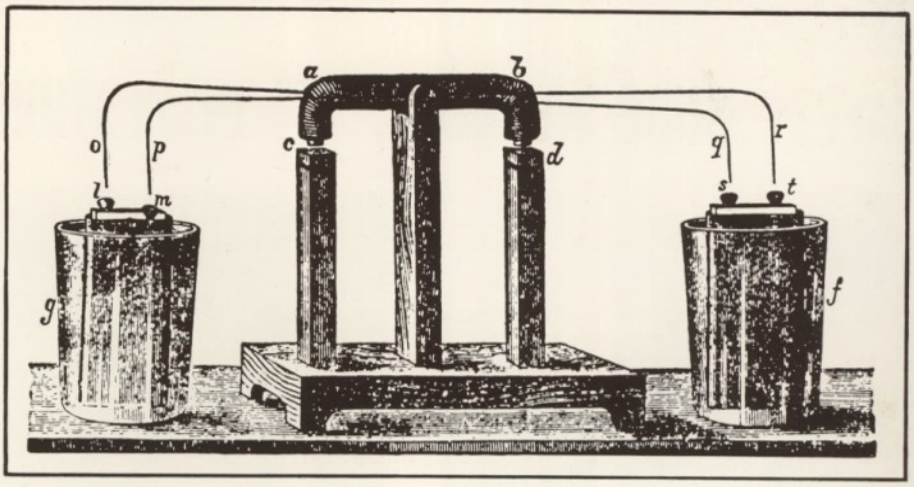


CLUMSY steam engine, invented in 1710 by an English blacksmith, Newcomen, was a power breakthrough for mankind. Used to pump water from English mines, the engine was improved upon by James Watt—and the way was opened to harness mechanical energy to propel boats and locomotives, run productive machinery, and ease human toil. Steam engine enabled man to work easier, yet to make more goods that millions of us now enjoy.

(RIGHT) Duryea's internal combustion engine powered the first American gasoline auto, the Duryea Buggyant, in 1892. Main rivals of engine were steam and electricity; in 1899, there were still only 50 gasoline-powered autos in the country. In time, however, the gasoline engine outstripped competitors; now, with Diesel engines, it powers 60 million U. S. cars and trucks. The number will climb in '58.



FIRST electric motor, resembling a scale, was invented by the American, Joseph Henry, in 1831. A neighboring blacksmith, Davenport, soon thereafter developed a motor with a spinning armature of the type we know today. The electric motor was a big boost to man's productive efforts, making possible a range of labor-saving production machinery from lathes and presses to saws and drills. The future will bring more uses.



Power Makes Giants of Martinsville Plant People

JIM MERRIMAN, Carpenter, operates a power band saw used to cut a combination of materials like fiber, brass, copper, transcite, steel, plastics and wood. This is only one of many power machines.

THE river-water pump motor checked here by Dick Stowe is one of several at the river pump station. Each has a pumping capacity of 9,500 gallons a minute every hour of every day.

— THE END

15-YEAR PINS

MARGE COOKE
Production Control

GEORGE MARTIN
Maintenance

BILL ROBBINS
Power

RICHARD HAIRSTON
Service

10-YEAR SERVICE PINS

P. & S.
Woody Ferguson
Harry Dunn
Earnest Prillaman
Thomas Grogan
Juel Quesinberry
James Lawson
Roy Craig
Gaston Love
John Cobler
Shirley Gillespie
Cecil Hall
Bernard West
Thomas Parcell
James Martin
Harvey Altice
Madison Hubbard, Jr.
Claude Bishop
Connie Hull
Earl Foster
William Gilley
James Fain
Carl Gordon, Jr.

TEXTILE
Louise Barbour
Hazel Price

INSPECTION AND SHIPPING
Betty Stultz
Catherine Pearman
Gladys Rigney
James Brown
Dorothy Bowles
William Riggs
Ralph Knowles
Robert Wells

MAINTENANCE
Aubrey Compton
Clifford Shively
James Holley
Letcher DeHart

SERVICE
Sylvia Shough
Ola Shelton
Llewellyn Moyer
Sadie Draper

PROCESS CONTROL
Rose Thompson
Cathleen Pigg
Josephine Duncan

PRODUCTION CONTROL
Harold Wells

DESIGN
Sam Goller

TABULATING
Edith Kraft

SAFETY SHOE WEARERS; "D" INSPECTION HAS GOOD SAFETY MARK

(**FIRST ROW,** L. TO R.): Ferne Sink, Bernice McBride, Margaret Edmonds, Jean Patterson, Ellen Clark, Marie Whitlow, Clarice Duffy. (Second Row): Vivian Coleman, Inez Nunn, Gearldine Love, Shirley Agnew, Mary Clark, Henry Belcher (Foreman), Dorothy Roye, Bobby Wall, Hubert Ramsey. (Absent when picture was made): Margaret Parlier, Barbara Smith, Richard Jamison. Group—Section 3, "C" Shift Pirn Prep—recently became 100% owners and wearers of safety shoes. We congratulate them.

"D" Shift Inspection, Bob Foushee, Supervisor, recently completed 11 months and 19 days without a plant injury. This performance was gained through the combined efforts of each and every individual on the shift. Group hopes for a better record in '58. Congratulations.

EIGHT MORE RECEIVE PAY FOR GOOD IDEAS

WILL YOU BE NEXT?

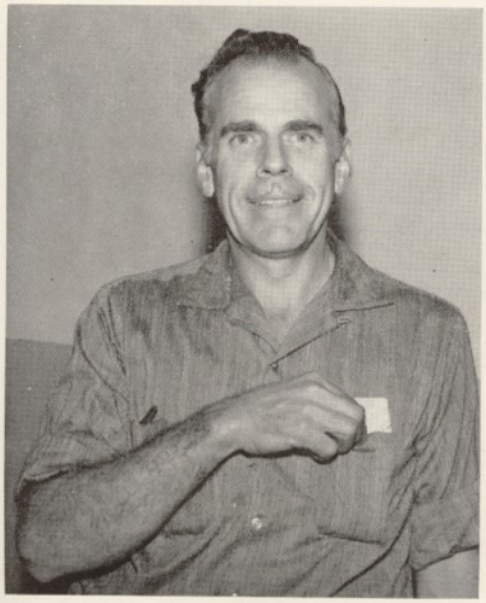
WE congratulate the eight suggestion award check winners shown on this page. Each of them had an idea to improve on our process, put it on a suggestion form and collected a nice sum that will surely come in mighty handy at this season of the year.

Suggestions which result in real savings serve both the suggester and the Plant, because reducing our operating costs will strengthen our competitive position. This means a cash award for the suggester and greater job security for all of us.

Why not give it a try? Yours may be the answer to a most troublesome problem, and it could be rewarding to you.

SYL PRITCHARD
Maintenance

HERBERT THORNE
P. & S.



RAY MORAN
Maintenance

ESPA STANLEY
Maintenance

ELSIE DELANCEY
Maintenance

MAVIS RICE
Textile

DANIEL TURNER
Maintenance

JIM SOUTHER
P. & S.

(SEATED, L. TO R.): Lorene Voss, Louise Whitlow, Jean Wood. (Standing): Parralee Davis, Mildred Perdue, Ernestine Lynch, Virginia Horsley. All were characters in a recent "A" Shift Inspection safety skit prepared by group.

NEWS VIEWS

(L. TO R.): Mrs. A. J. McGinty, Mrs. W. H. G. Kouk, Mrs. Armon Deal, Mrs. Charles Buonassisi and Mrs. John Daniel. They were 1957 winners in the Lynwood Golf Club Tournament for women. Mrs. McGinty was the winner of the first prize. The BLENDER congratulates each.

(LEFT) Morton and Mrs. Wyatt pictured with their daughter, Lynda, who was chosen the 1957 Homecoming Queen at Martinsville High School on November 15. Morton is in Day Crew, P. & S.

(RIGHT) Roger Patterson, P. & S., holds hawk he shot and wounded recently near his home in Spray, N. C. He was crow hunting at the time with Bill Black. The two have killed 90 hawks in a little over two years.

(LEFT) Bill and Robbie Woodruff look over some of prizes won on national television program, "Beat The Clock," while in New York recently. Bill estimates the value of their prizes at several thousand dollars in cash.

(RIGHT) Norman Stone, Shipping, displays two large turnips grown on his father's farm near Oak Level. Each weighed approximately 2½ lbs.

PLANT PERSONAL NEWS . . .

RINGS

Carol Montgomery, Textile, to Gene Sharpe, Madison, North Carolina.

Sandra Massey, Textile, to Jack Adkins, U. S. Air Force.

Avis Scott, Textile, to Thurman Gray, Bassett, Virginia.

RICE

John Bruce, Production Control, to Ruth Hannah, Martinsville, Virginia.

Tom Chapman, Production Control, to Elaine Murphy, Martinsville, Virginia.

Ruth Rea, Inspection and Shipping, to William Franklin, Martinsville, Virginia.

Lurene Willard, Textile, to Paul Bowman, Ararat, Virginia.

Capatola Gauldin, Textile, to Lonnie Edwards, Jr., Danville, Virginia.

Kay Self, Tabulating, to Andy Meeks, Draper, North Carolina.

Leesona Hamrick, Textile, to James Vernon, Leaksville, North Carolina.

Wilma Pugh, Textile, to Virgil Soots, Leaksville, North Carolina

RATTLES

Our Congratulations to:

Thomas and Juanita Martin, Inspection and Shipping and Accounting, a girl, Elizabeth Amanda, November 27.

Lyn and Evelyn Belcher, Inspection and Textile, a boy, Jeffrey Ray, November 25.

Helen Eggleston, Credit Union, a boy, Michael Dean, September 15.

George Thomas, Maintenance, a girl, Pamela Lynn, September 26.

Inez Howell, Denier Room, a boy, Donald Herman, September 26.

Stella Wise, Textile, a boy, Warren David, November 24.

Sam Watkins, Service, a girl, Regina Gale, in November.

George Reid, Service, a girl, Charlene Elizabeth, in November.

Jim Allen, Methods and Planning, a boy, Richard Theodore, December 1.

Irene Burnette, Tabulating, a girl, Ellen Mae, November 12.

James Cooper, P. & S., a girl, Karen Elizabeth, September 21.

Sympathy

The Plant personnel extends deepest sympathy to:

Leonard Prillaman in the death of his aunt.

A. M. Brown in the death of his father and sister-in-law.

Jesse Cox in the death of his uncle.

Bruce Huffaker in the death of his mother.

Nina Prillaman in the death of her brother.

Bessie English in the death of her nephew.

Gladys Hodges in the death of her father-in-law.

Loveleen Hanes in the death of her great-grandmother.

Forest and O'Neal Crouch in the death of their father.

Marie McMillan in the death of her brother.

Nancy Lou McMillan in the death of her brother-in-law.

Lillie Trent in the death of her uncle.

Ruth Gibbs in the death of her father.

Nannie Morris in the death of her uncle.

Mae Brown in the death of her brother.

Ada Ramsey in the death of her father-in-law.

Dewell Alderman in the death of her uncle.

Graham Barker in the death of his aunt.

Oleas Shelton in the death of her aunt.

Johnnie Pruitt in the death of his grandfather.

Louise Patterson in the death of her father-in-law.

Dot Blankenship in the death of her grandfather.

Mattie Byrd in the death of her aunt.

Kate Manning in the death of her uncle.

Norma Pagans in the death of her grandfather and nephew.

Joe Dove in the death of his father.

Robert Lawson in the death of his mother-in-law.

Lois Dunagan in the death of her uncle.

Violet Frith in the death of her uncle.

Elva Gregory in the death of her uncle.

Sara Minter in the death of her aunt.

Grace Phillips in the death of her mother and aunt.

Louise Bowles in the death of her sister-in-law.

Virginia Wiggington in the death of her mother.

Vergie Minter in the death of her brother-in-law.

Becky Rhyne in the death of her grandmother.

Mollie McCraw in the death of her uncle.

Norma Pagans in the death of her uncle.

Irene Thomason in the death of her uncle.

Lena Simpson in the death of her brother and uncle.

Minnie Dandridge in the death of her uncle.

Boyd Penn in the death of his brother.

Betty Taylor in the death of her father-in-law.

Gladys Shelor in the death of her uncle.

Evelyn Thomas in the death of her uncle.

TRANSFER, NEW REPORTER

(L. TO R.) Bill Woodruff, Area Supervisor-Process-Special Assignment, was transferred to Seaford as Area Supervisor, Manufacturing, on November 18. Theresa Johnson recently replaced Adelene Rogers as BLENDER reporter for Stores. We wish Bill all success and welcome Theresa to our staff of fine news hawks.

The Du Pont monthly payroll exceeds $40 million.

In the past fifteen years, America has doubled its consumption of gasoline, reflecting the vastly increased number of family automobiles on the road.

In the U. S., young couples are now marrying at the rate of 1.4 million a year.